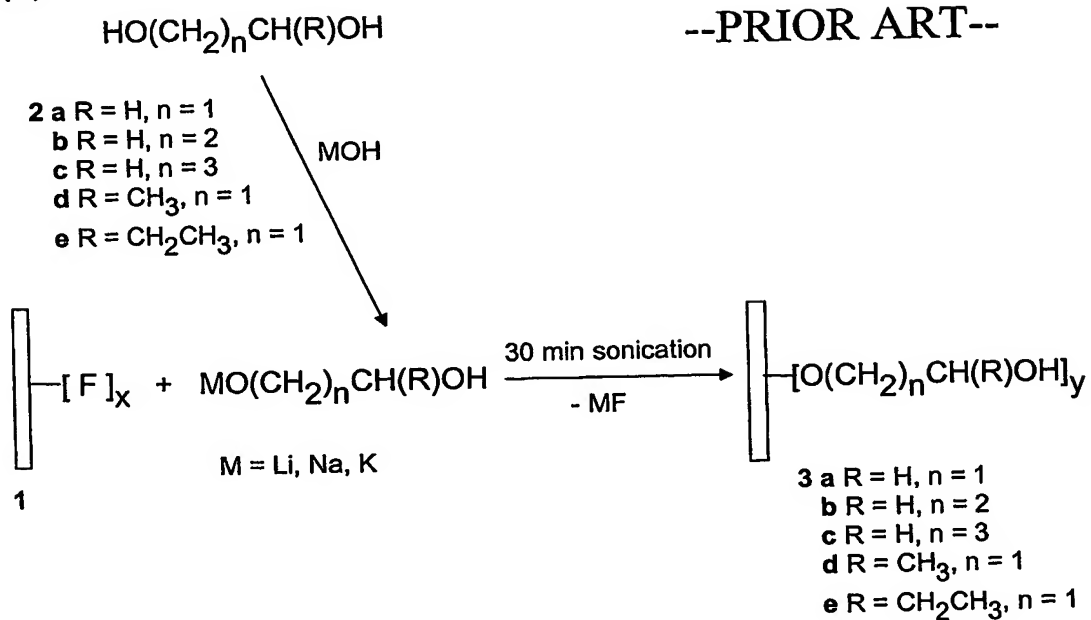


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(A)

--PRIOR ART--



(B)

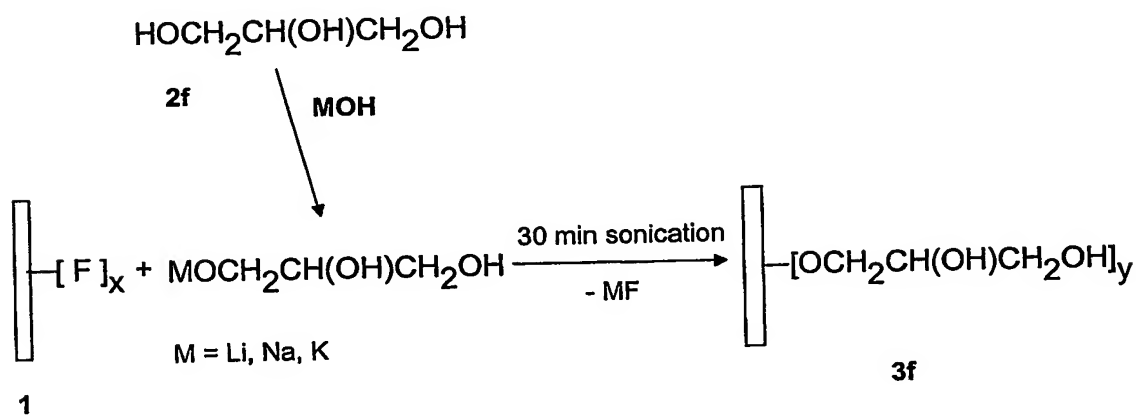


Fig. 1

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--PRIOR ART--

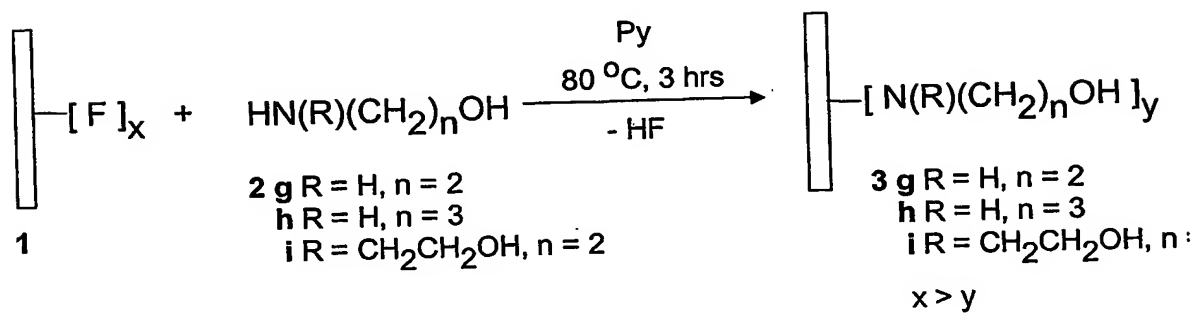
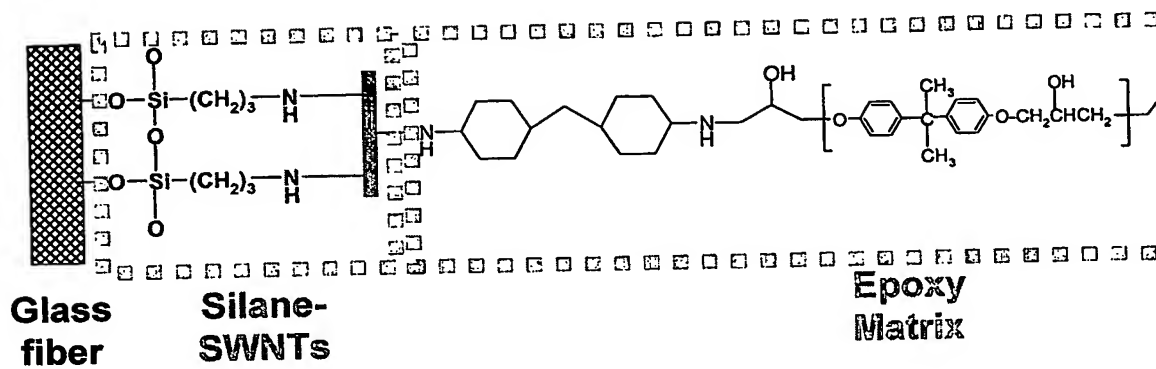
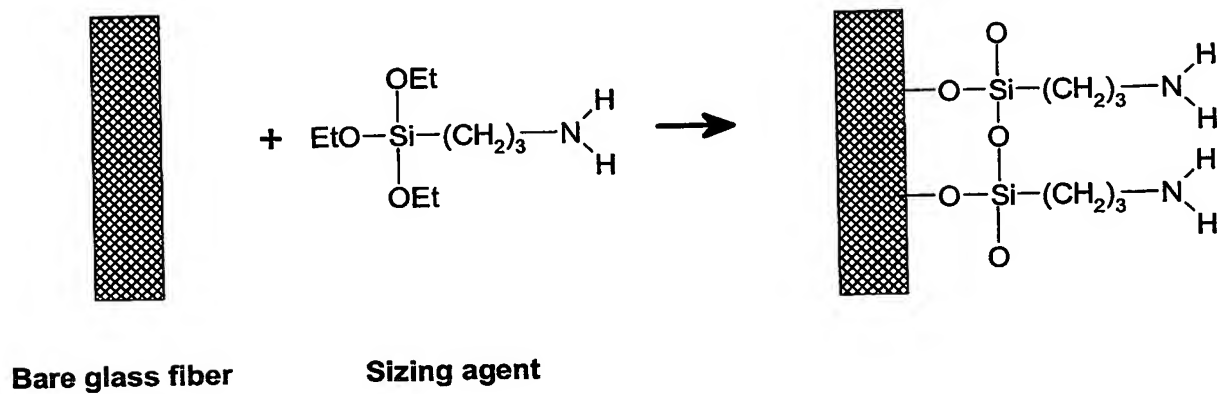
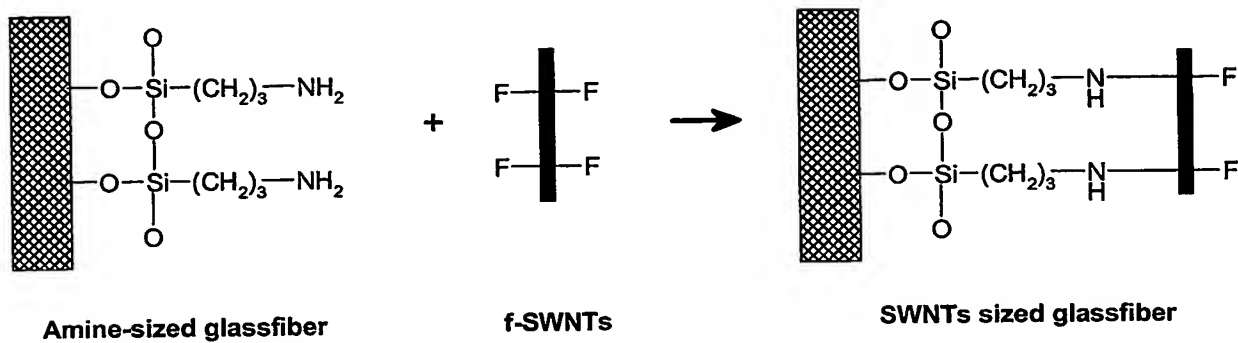
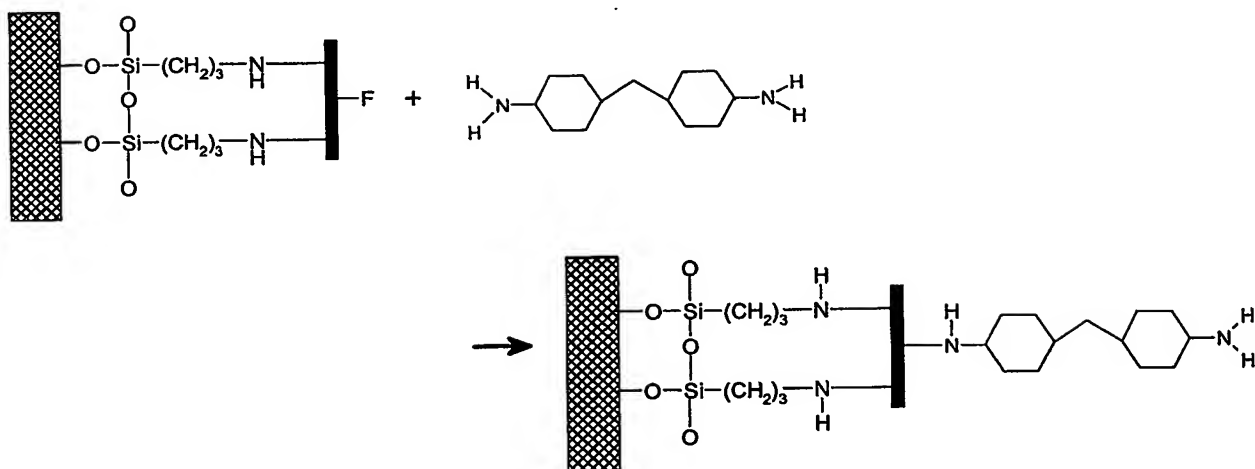


Fig. 2

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*Fig. 3**Fig. 4*

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*Fig. 5**Fig. 6*

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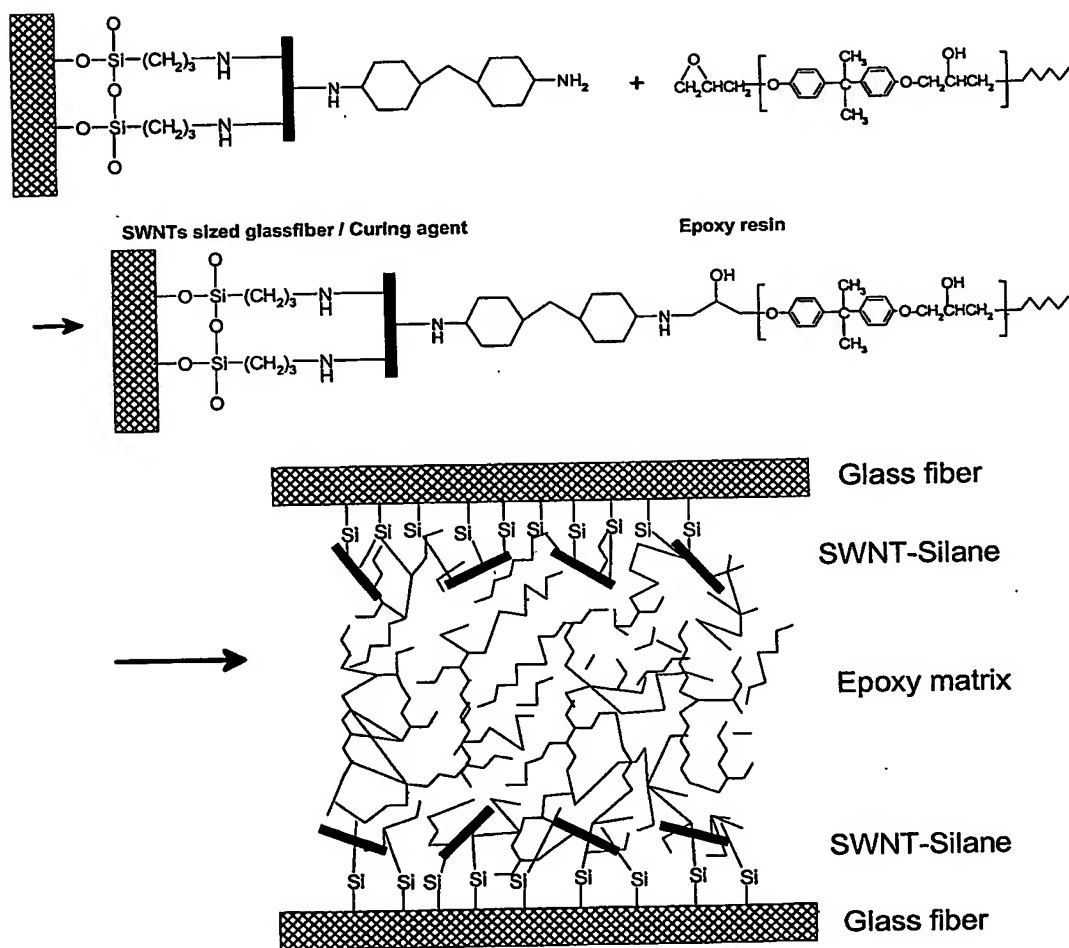


Fig. 7

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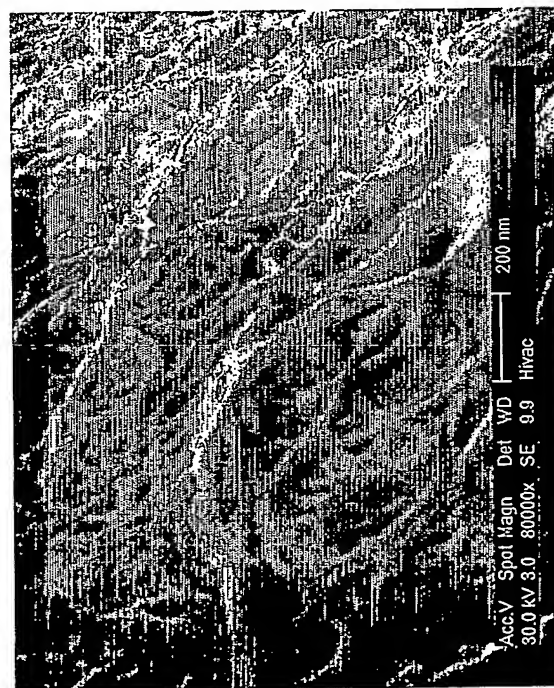
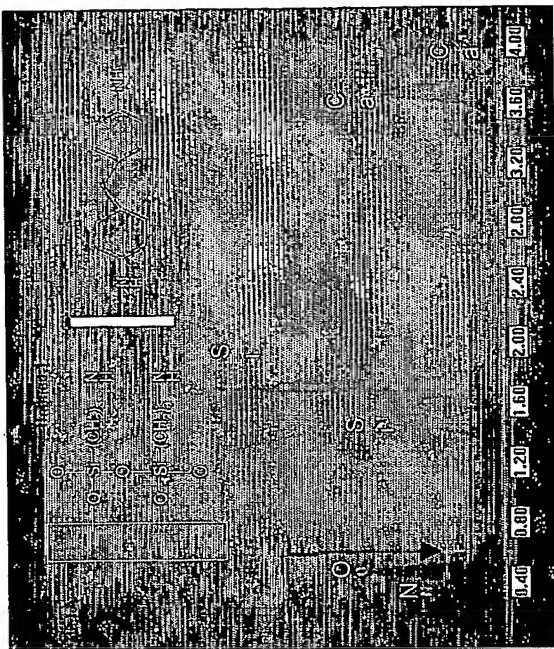
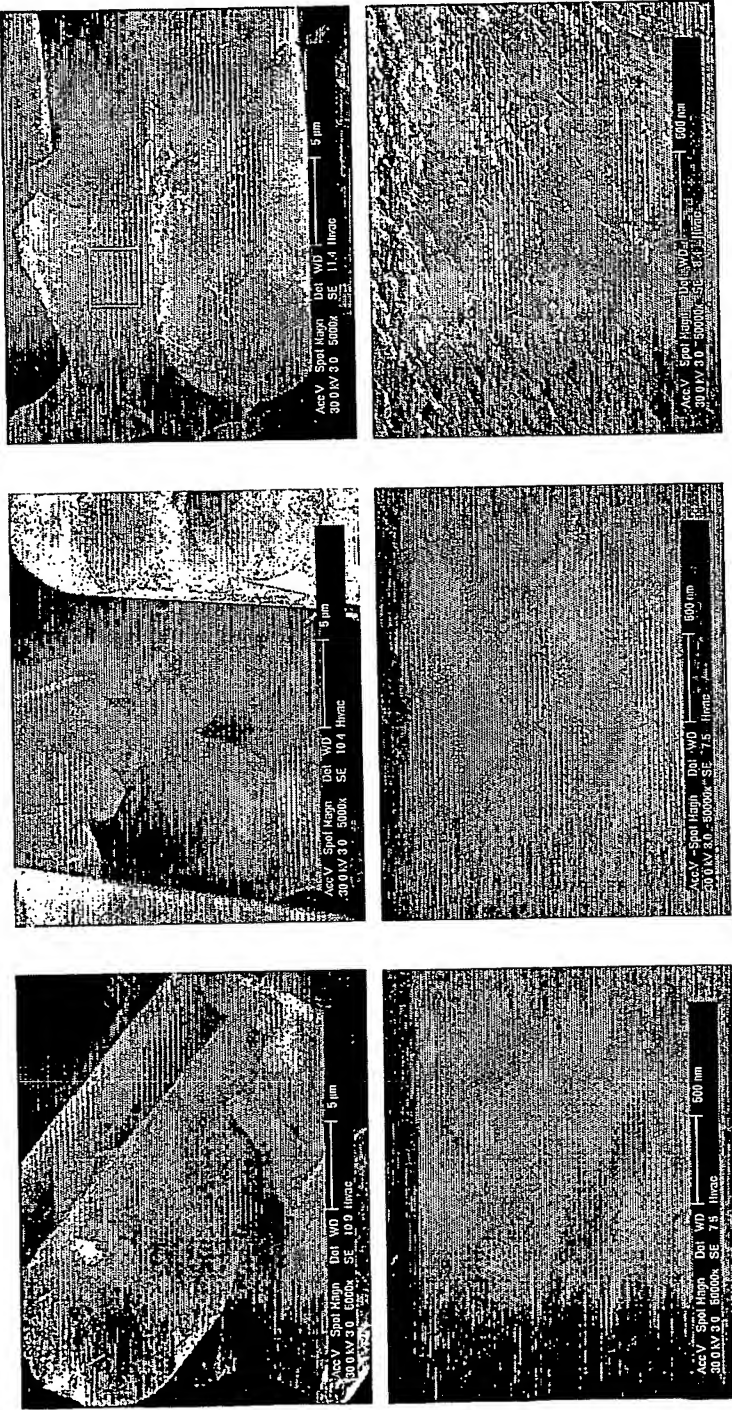
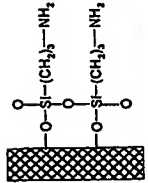
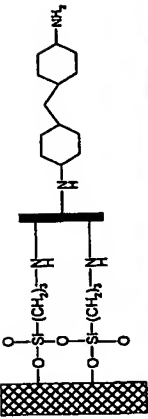


Fig. 8

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(c)

(b)

(a)

Fig. 9

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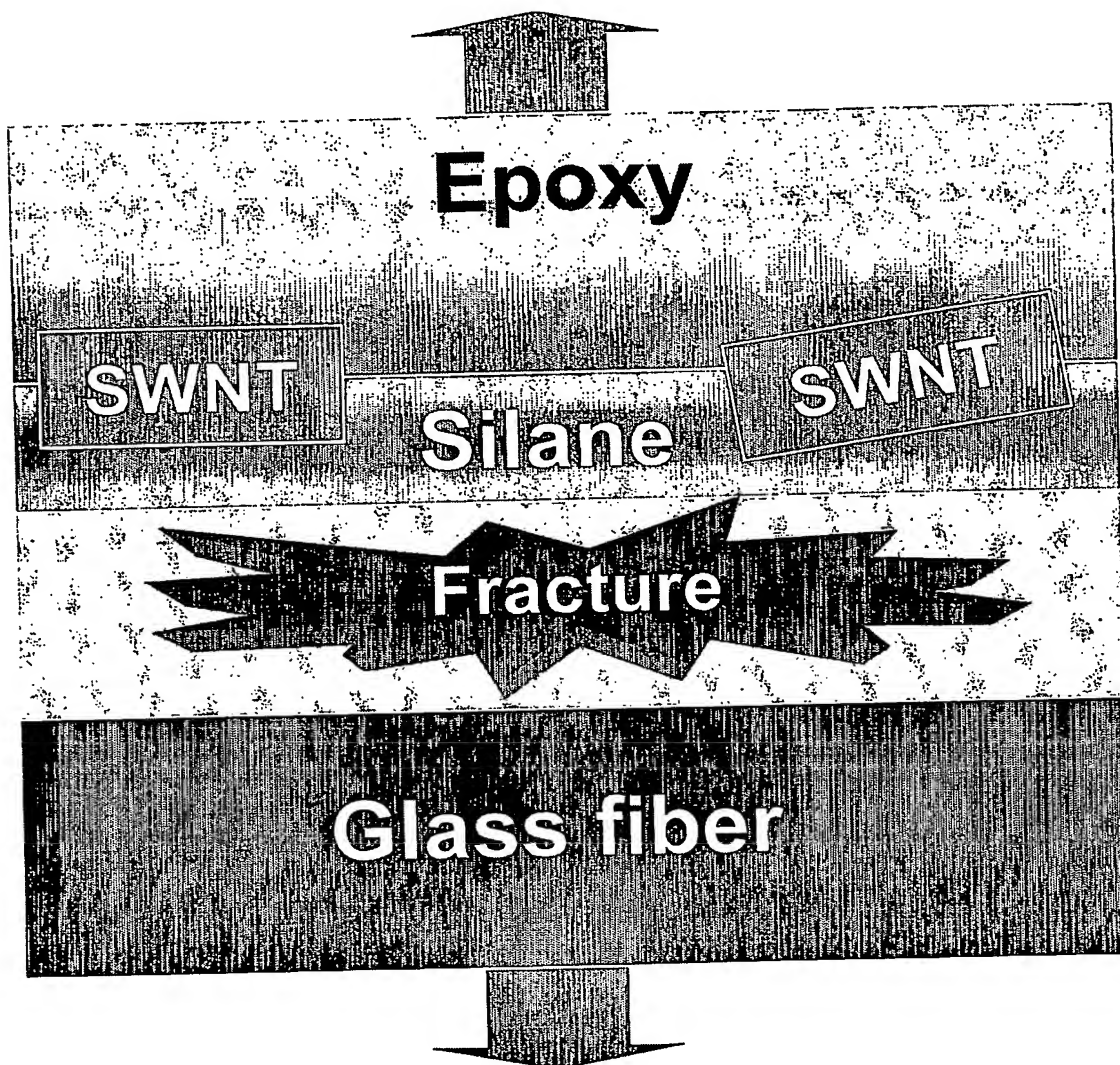
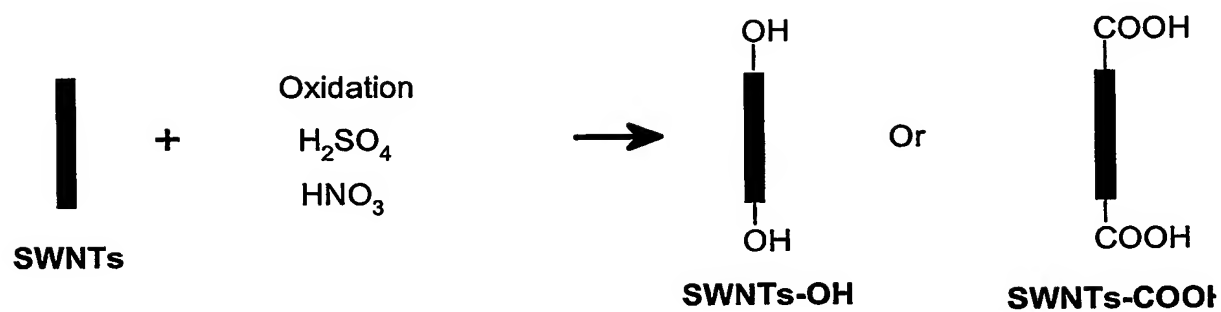
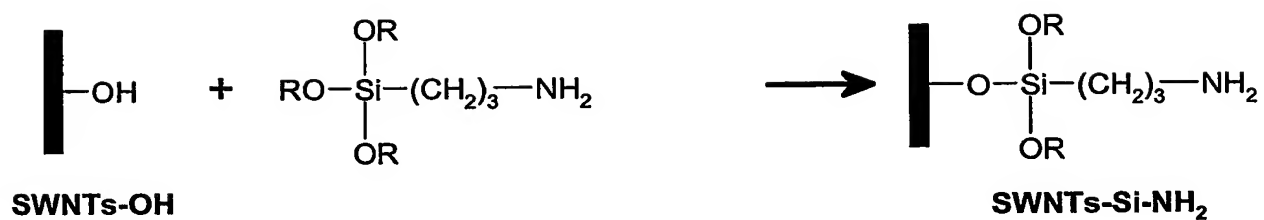


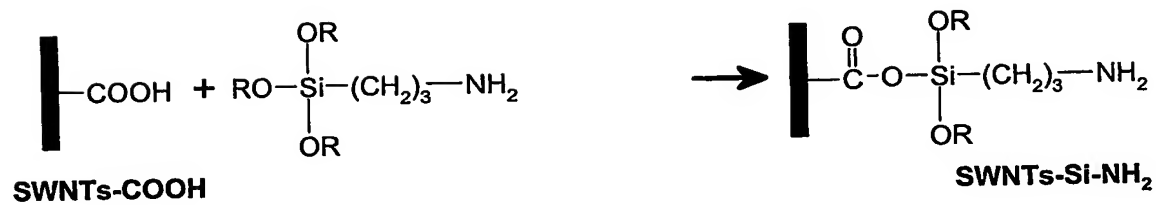
Fig. 10

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*Fig. 11**Fig. 12*

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*Fig. 13*

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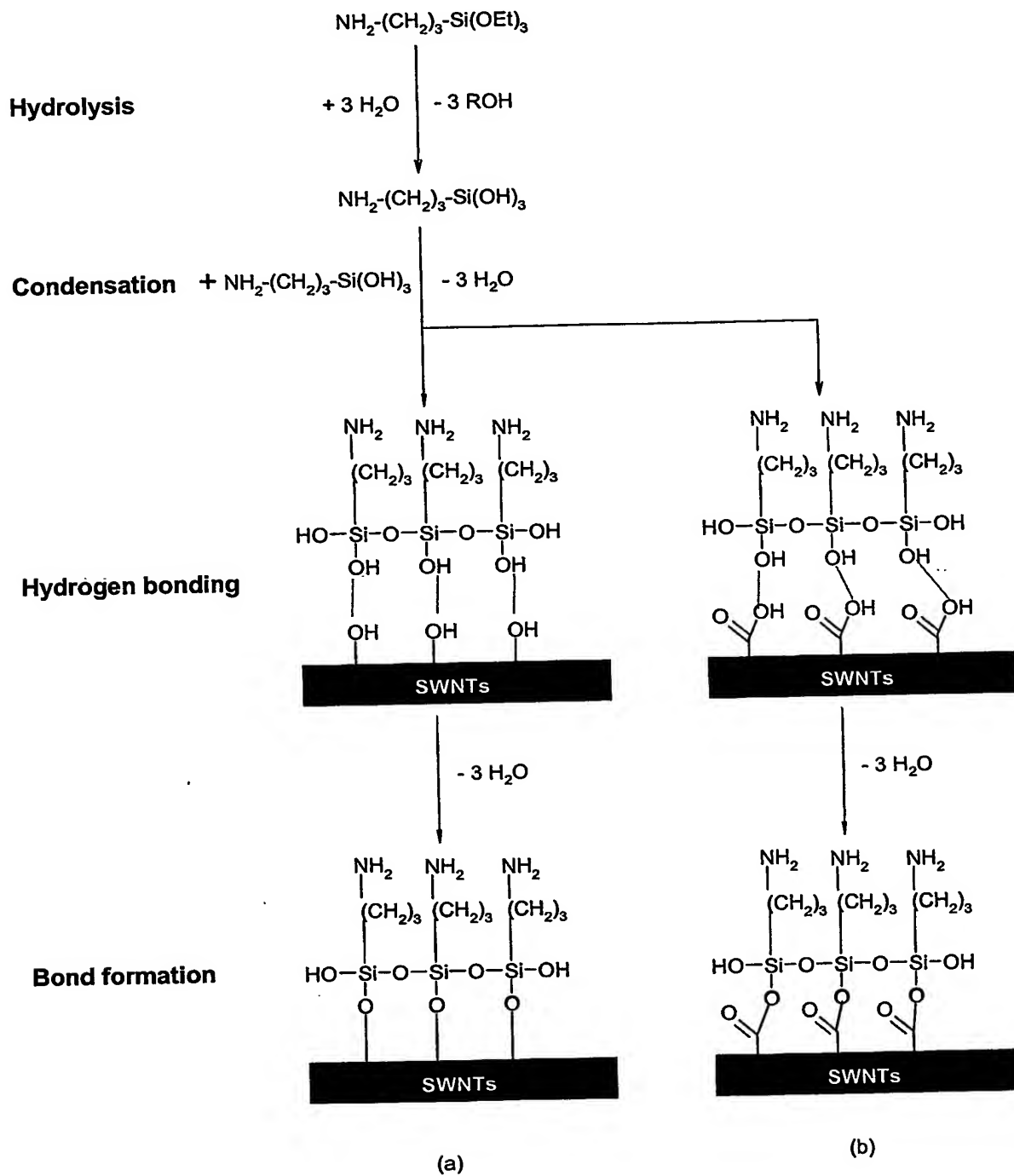
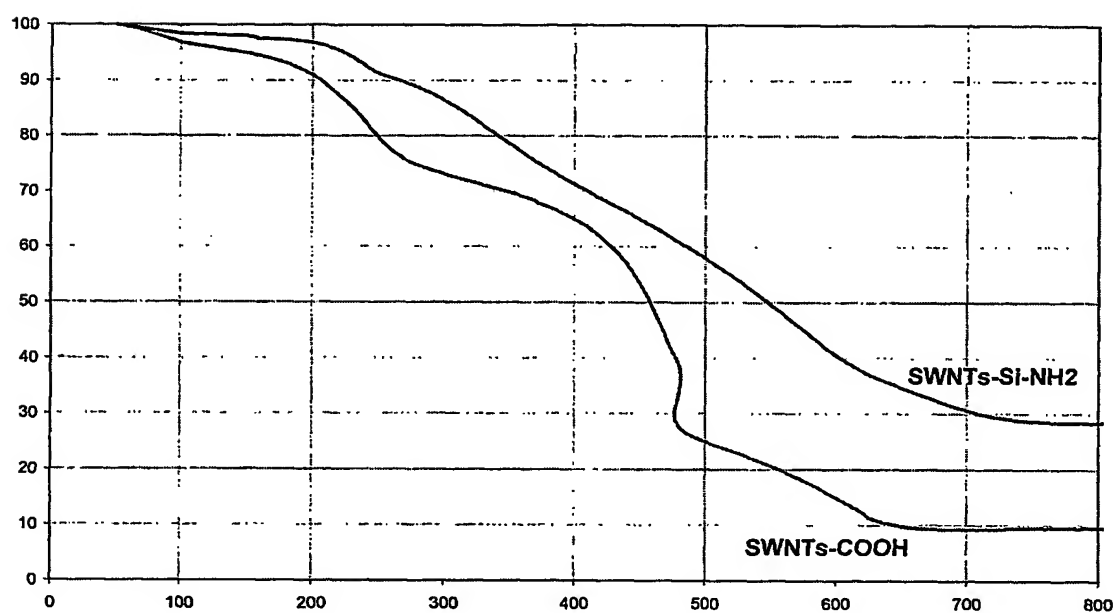


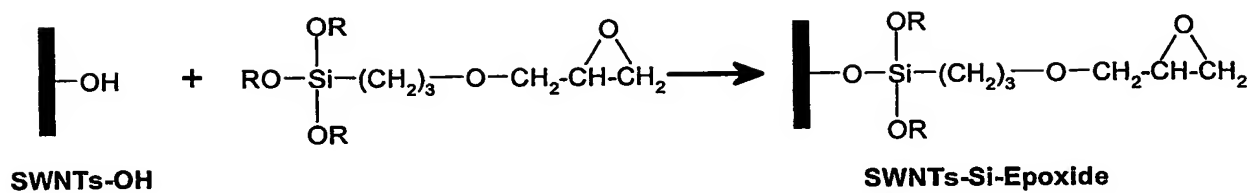
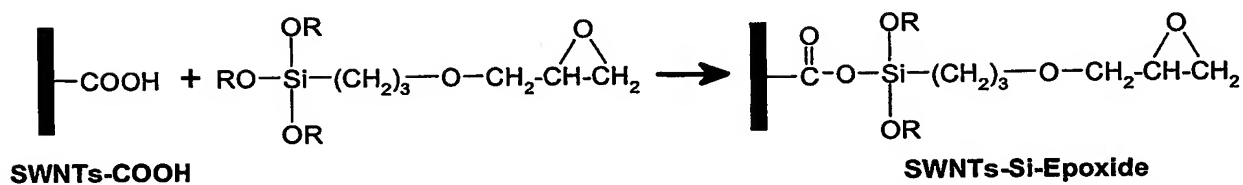
Fig. 14

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*Fig. 15*

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*Fig. 16**Fig. 17*

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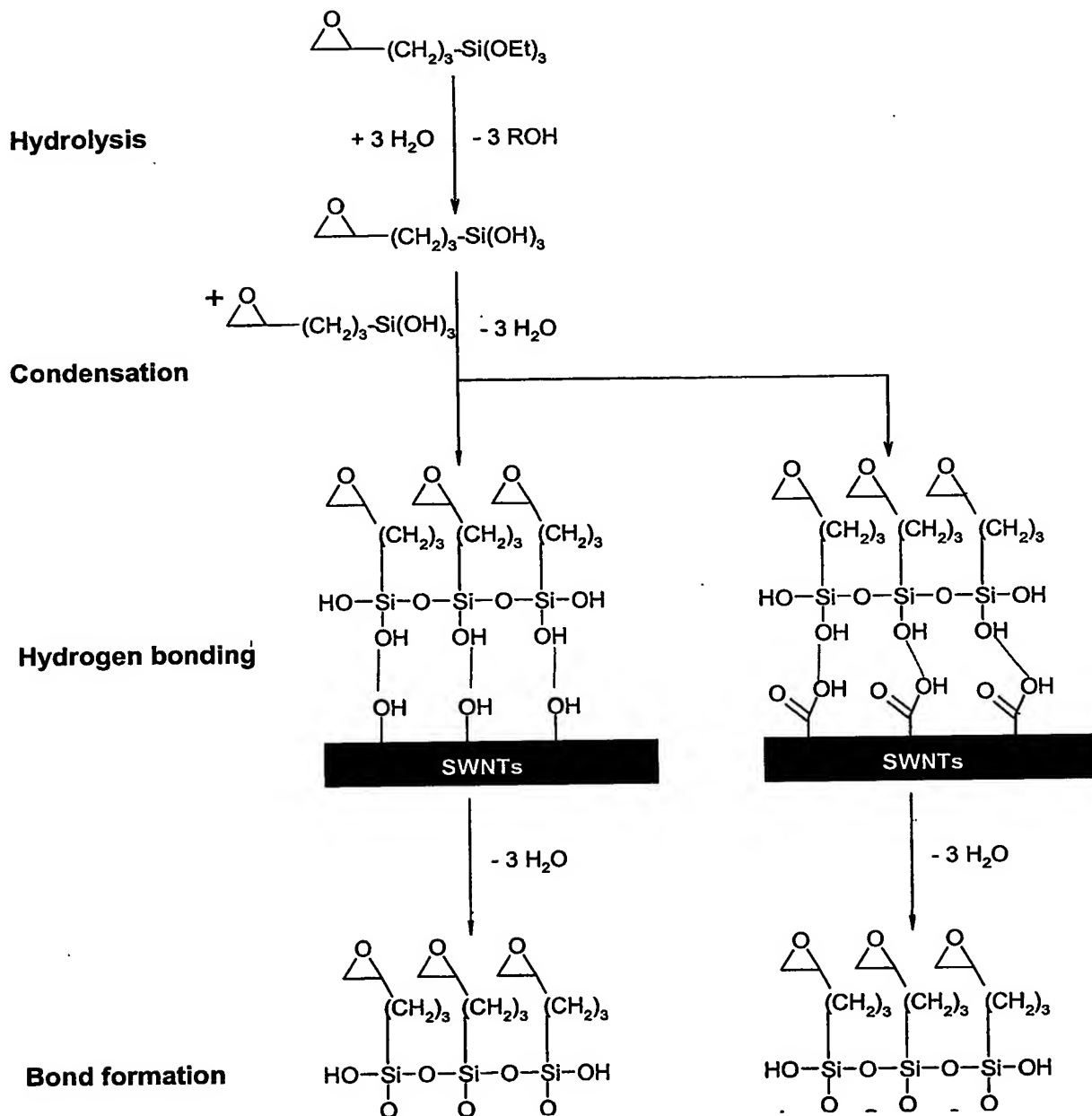
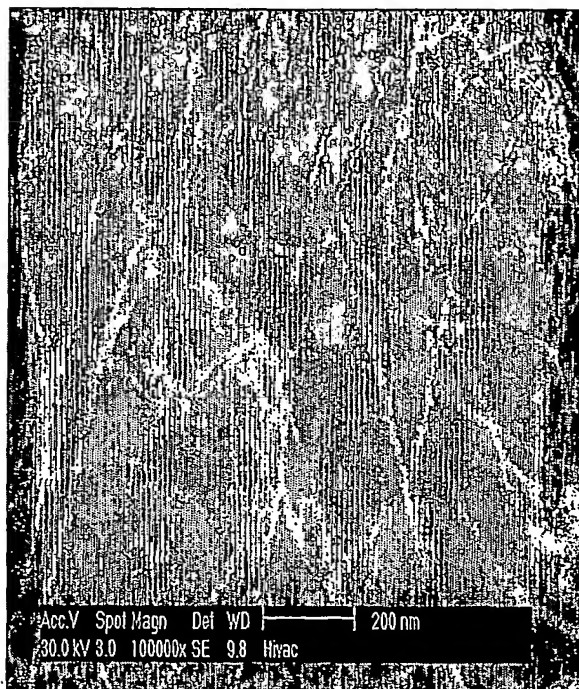


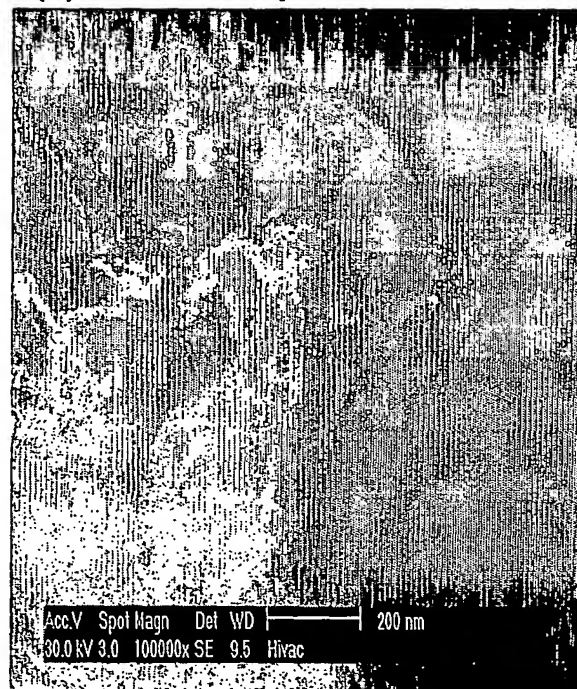
Fig. 18

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(a) Powder NT

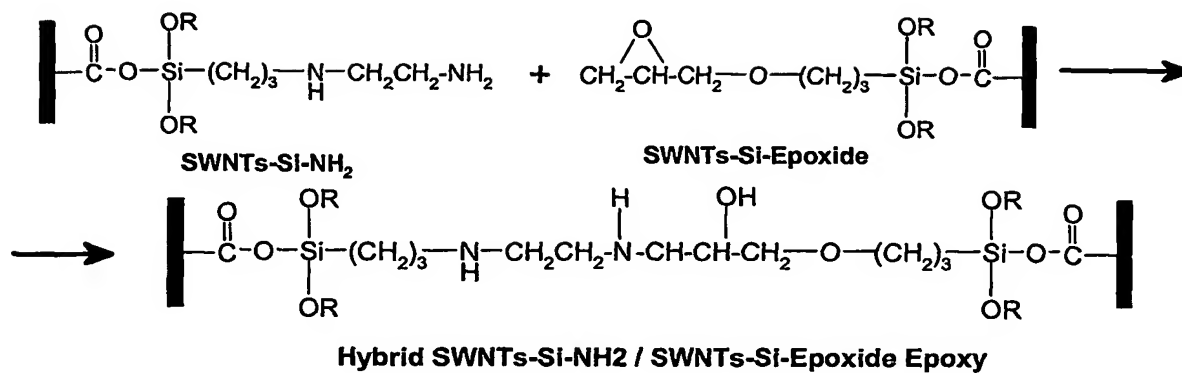
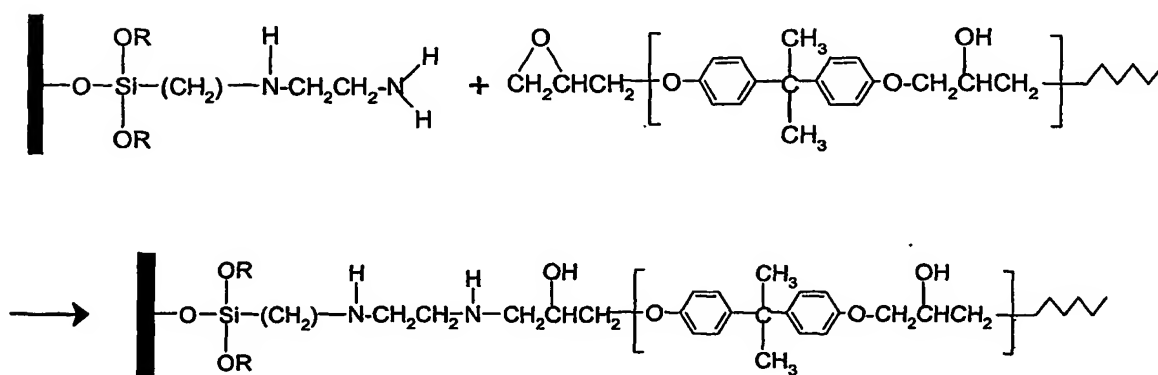


(b) SWNTs-Si-Epoxy

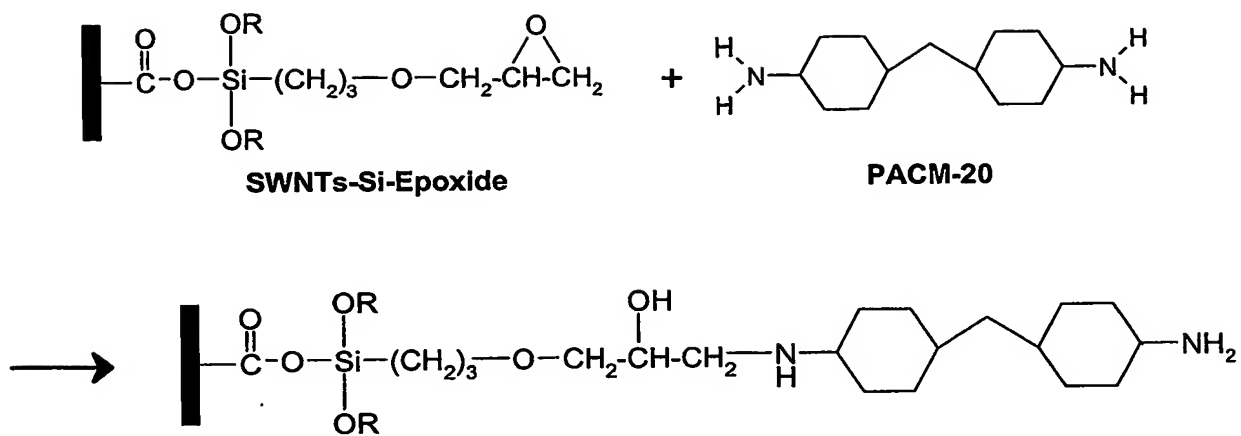
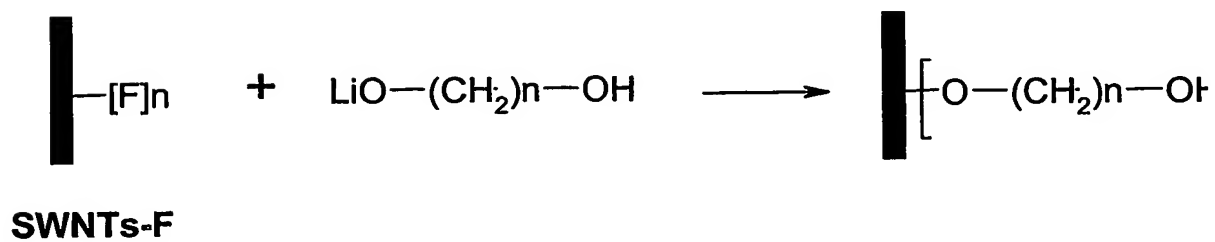
(c) SWNTs-Si-NH₂D(d) SWNTs-Si-NH₂B*Fig. 19*

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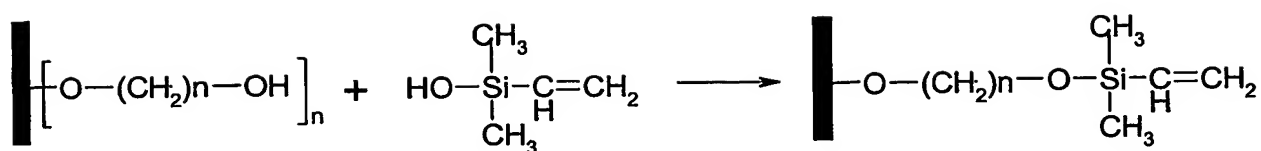
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*Fig. 20**Fig. 21*

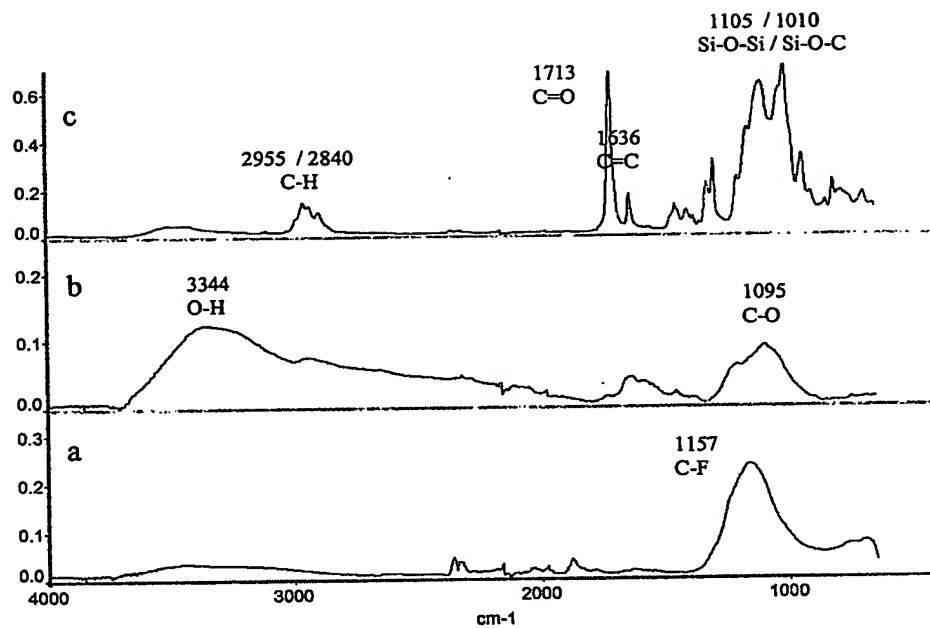
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*Fig. 22**Fig. 23*

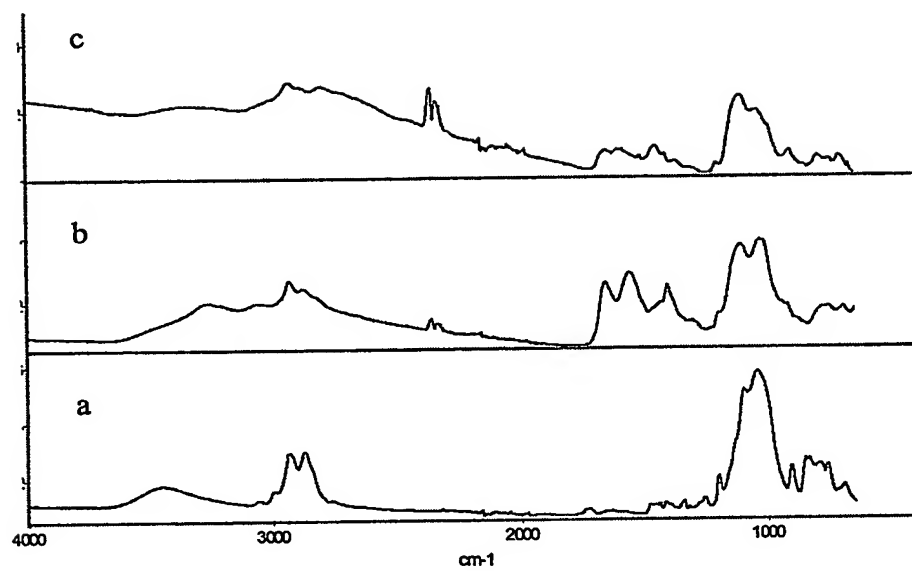
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*Fig. 24*

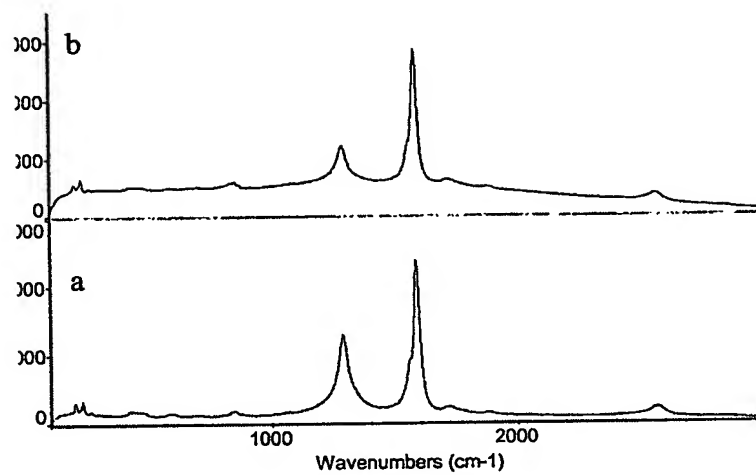
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*Fig. 25*

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*Fig. 26*

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*Fig. 27*

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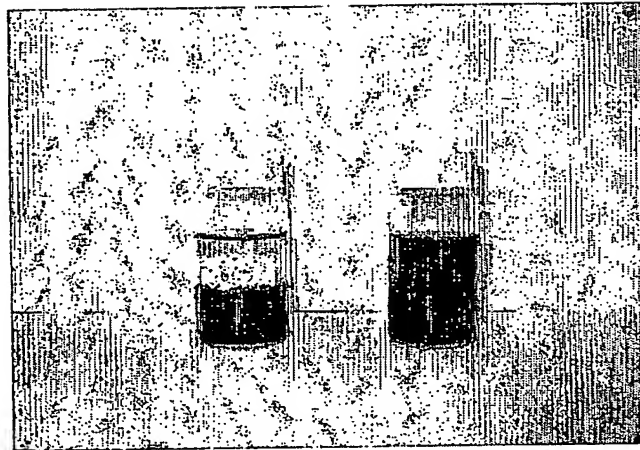
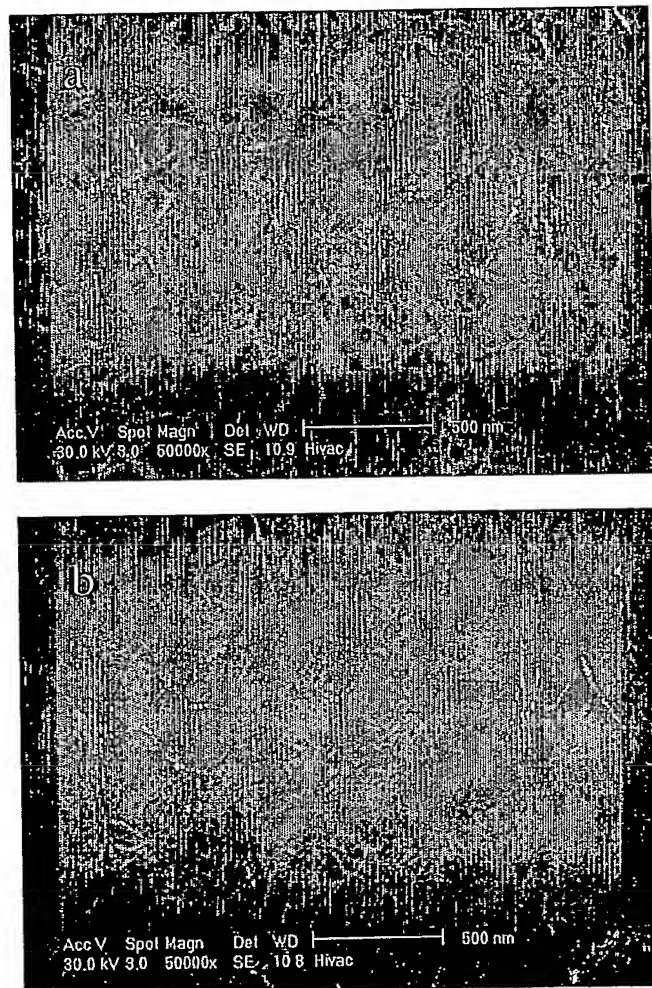


Fig. 28

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*Fig. 29*

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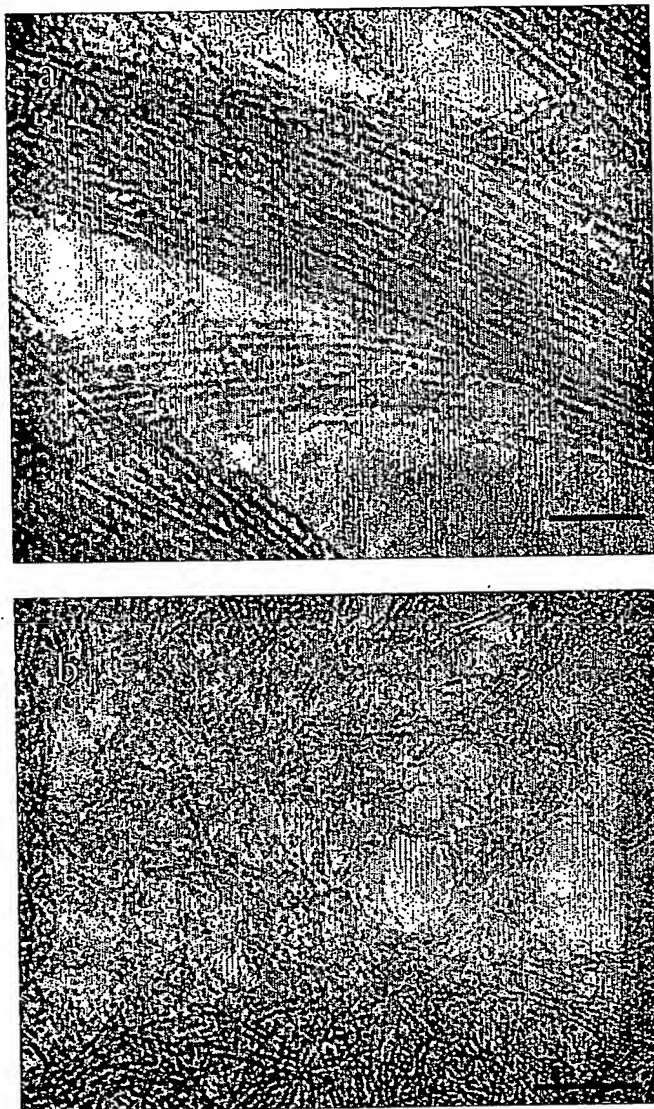
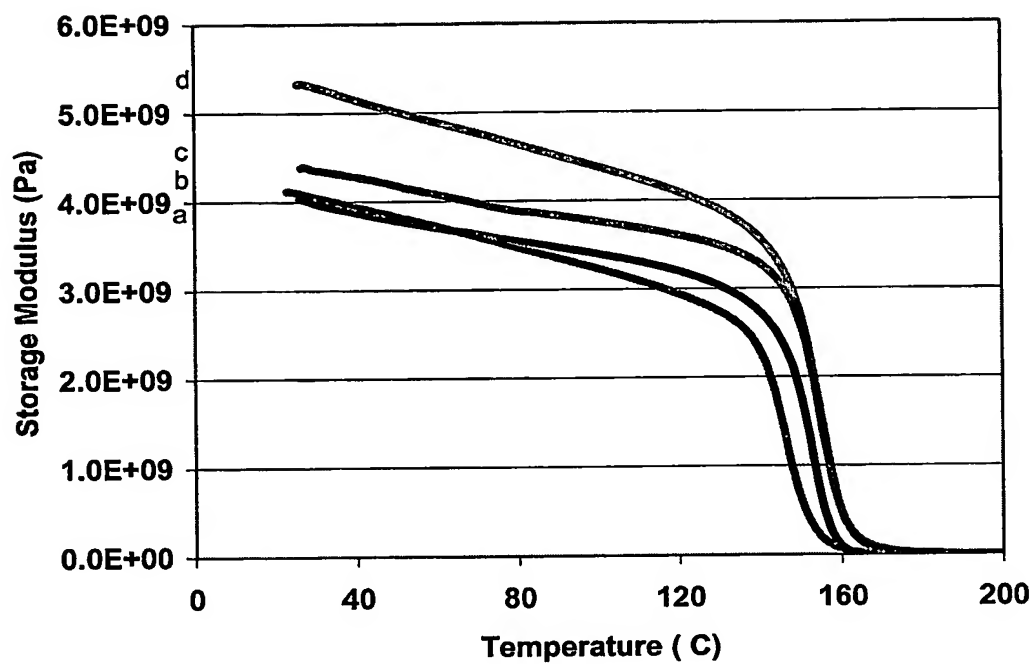


Fig. 30

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*Fig. 31*